

19991212.ba v02\_n752.bam.991212

>From ???@??? Mon Dec 13 05:44:32 1999  
Message-Id: <199912121527.dBCFRok25769@sco.theporch.com>  
Date: Sun, 12 Dec 1999 09:27:16 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2752

BOATANCHORS Digest 2752

Topics covered in this issue include:

- 1) Re: Two Phase  
by Arden Allen <gumbear@pacbell.net>
- 2) old CQ mags  
by George& Barb Rybicki <marmot@core.com>
- 3) FS: Hammarlund equipment package  
by John Poulton <jp@cs.unc.edu>
- 4) Re: 3-wire  
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 5) Re: 3-wire  
by "Mike Feher" <n4fs@monmouth.com>
- 6) RE: Clean / Not Clean ??  
by "Richard W. Solomon" <w1ks@tiac.net>
- 7) RE: 3-wire  
by "Bill Hawkins" <bill@iaxs.net>
- 8) AWA Ops  
by john <johnmb@mindspring.com>
- 9) An Experiment  
by "Jay H. Miller" <jmiller@teleteam.net>
- 10) Re: AWA Ops  
by john <johnmb@mindspring.com>
- 11) 2-Phase Power was 3-WIRE CONNECTION ...  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 12) Re: An Experiment  
by Al Parker <anchor@coastalnet.com>
- 13) Re: Foam-In-Place packaging  
by "Ed Zeranski" <ezeran@concentric.net>
- 14) Re: Foam-In-Place packaging  
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 15) Re: An Experiment  
by Morton Jones <mortjonz@pacbell.net>
- 16) URM-25 Dial Lamps  
by Wally Gibbons <rockwall@sourceoneinternet.com>
- 17) Headphones - WW2 vintage?  
by David Prince <davprin@gil.com.au>
- 18) Re: Headphones - WW2 vintage?

- by =?iso-8859-1?q?ragnar=20otterstad?= <la5he@yahoo.no>
- 19) Relay mod in 516F-2  
by Avery Comarow <acomarow@usnews.com>
  - 20) UTC Modulation Transformers  
by Charles Kadesch <chas@digizen.net>
  - 21) Foam in Place/Mailboxes Inc  
by "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
  - 22) Re: Relay mod in 516F-2  
by "Jay H. Miller" <jmiller@teleteam.net>
  - 23) Denver area BA haunts?  
by john <johnmb@mindspring.com>
  - 24) Re: Foam in Place/Mailboxes Inc  
by "John K9UWA" <k9uwa@cris.com>

-----  
Date: Sat, 11 Dec 1999 11:38:46 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Two Phase  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0FML00H90D9KUV@mta3.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

OK gentlemen, we have a winner:

Two phase with 90 degree displacement for starting motors. What could be simpler? Thanks.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

+++ Politics is the mother of invention. +++

-----  
Message-Id: <4.1.19991211150252.00926420@mail.core.com>  
Date: Sat, 11 Dec 1999 15:06:45 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: George& Barb Rybicki <marmot@core.com>  
Subject: old CQ mags  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a big box of CQ's from 1947-1966 most but not all years are complete and there are probably some doubles. All are in good shape.  
If you pick them up near Akron OH \$50 for the whole bunch.  
Otherwise \$10 per year (or considerable fraction thereof) + shipping.  
73 George

-----  
Date: Sat, 11 Dec 1999 15:06:29 -0500 (EST)  
From: John Poulton <jp@cs.unc.edu>  
Message-Id: <199912112006.PAA10896@mira.cs.unc.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Hammarlund equipment package

I have a complete Hammarlund "station" for sale. Before committing this to the E-thing and dealing with shipping and all that, am offering this equipment to the list-- U pick up (Chapel Hill, NC), or I'll deliver it to the Richmond (VA) FrostFest on 1/16/00. The equipment consists of:

HQ-170A, Serial #8373. \$300

Very nice condition, works well on all bands/all modes. Could easily be brought up to collector quality, but is a great looking and great working radio as is. Has a working clock! A 9/10 rig.

HQ-180, Serial #1240 \$250

A good working radio, perhaps a 7/10 in appearance. Pops a bit on bandswitching & tuning, so needs a bath in deoxit. Otherwise works great. Has the clock, which is in good shape, but doesn't turn. No serious dings, scratches, rust or dents in the case; paint is quite decent. Could be brought up to very good appearance with just a little work.

HX-50, Serial #2166 \$100

Front panel is nice, case is ok with few extra holes in right side. Working condition unknown, but doesn't appear to have been brutally hacked, at least. Needs serious cleaning & TLC.

S-100 (small) speaker \$60

Case and paint near-perfect, grille cloth in good shape, speaker element original, works fine. Internal bracket needs repair--could be done easily with epoxy.

S-200 (large) speaker \$30

Case has some scratches and a little surface rust, no dents or other damage, original back still on, but, alas, the grille cloth is shot. Speaker works. A little restoration project.

Manual copies for the HQ-170A, HA-180, and an original manual for the HX-50. Original 3-color 4-page flyer for the HQ-180. Copy of the March '63 QST review of the HX-50. Manuals go with equipment.

Will take \$700 for the whole package.

If you'd like to see what these rigs look like, there's a photo tour at

<http://www.cs.unc.edu/~jp/hammarlund/hammarlund.html>

I didn't have time to compress these images as much as possible, so downloads may take a few minutes. Sorry about that...

Thanks and good hunting,  
John Poulton KF40ZY  
Chapel Hill, NC

-----  
Message-ID: <385271A1.6243@lehigh.edu>  
Date: Sat, 11 Dec 1999 15:45:37 +0000  
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
Subject: Re: 3-wire  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Arden Allen wrote:

>  
> Hi Paul;  
>  
> > However, there definitely is two-phase AC. It is rather rare now but  
> at  
> > one time was a very common source of distribution power until someone  
> > discovered 3 phase.  
>  
> Can you explain "two-phase AC", i.e., how it is different from single  
> phase? Inquiring nit-pickers want to know.  
>  
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net  
>

> +++ Politics is the mother of invention. +++

In three phase power you have three wires and if you take any pair of them you get a voltage/current that is 120 degrees phase shifted with respect to any other pair. Using one pair as a reference, the next pair you grab will be 120 degrees shifted and the next pair 240 degrees shift with respect to the first pair ( or -120 degrees if you prefer.) In two phase, there is a 90 degree shift. You can make two phase out of three phase with a couple of transformers or you can get a motor-generator

set. The power to your house comes from one leg of a three phase transformer, but you would not know it was three phase until you ran a drop cord to a house across town fed from one of the other legs. Three phase transformers can be Delta or Wye connected. The Deltas have a center neutral, the Wyes do not.

Art K3HBA

Professor Emeritus Electrical & Computer Engineering

-----  
Message-ID: <00e401bf4423\$35958a00\$d63cbfd1@MikeBFeher>

From: "Mike Feher" <n4fs@monmouth.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Subject: Re: 3-wire

Date: Sat, 11 Dec 1999 17:00:56 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Art & Group -

Well, after our self proclaimed "nit picker" declared that this thread is over as a consequence of Mike Hanz's post I figured that was the end. And then there comes your post. While you sign as a professor of EE and CE I assume it must be the CE that you excel in after reading your post, HI. I am sure you know of what you speak but sadly the the post did not reflect that. In a three phase system the 120 degrees is indeed the relative difference between any one of the legs of the 3 phase power and any two of the other legs. Of course looking at any pairs between legs alone does not allow you to see any phase relationship at all. Taken as pairs you would not see this difference as there would be no other reference. Additionally your last comment is also misleading since the central neutral exists in the Wye configuration and not in the Delta as stated in your post. To go back to what was previously stated a Delta configuration would only reveal it's phase relationship if observed relative to the same leg every time. With a Wye configuration the relationship can be observed relative to the central neutral and any of the legs. Now I probably opened up another can of worms, HI. 73 - Mike

Mike B. Feher, N4FS  
89 Arnold, Blvd.  
Howell, NJ, 07731  
732-901-9193

----- Original Message -----

From: Prof. Arthur I. Larky <ail0@lehigh.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <boatanchors@theporch.com>  
Sent: Saturday, December 11, 1999 10:45 AM  
Subject: Re: 3-wire

> Arden Allen wrote:  
> >  
> > Hi Paul;  
> >  
> > > However, there definitely is two-phase AC. It is rather rare now  
but  
> > at  
> > > one time was a very common source of distribution power until someone  
> > > discovered 3 phase.  
> >  
> > Can you explain "two-phase AC", i.e., how it is different from single  
> > phase? Inquiring nit-pickers want to know.  
> >  
> > Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net  
> >  
> > +++ Politics is the mother of invention. +++  
> In three phase power you have three wires and if you take any pair of  
> them you get a voltage/current that is 120 degrees phase shifted with  
> respect to any other pair. Using one pair as a reference, the next pair  
> you grab will be 120 degrees shifted and the next pair 240 degrees shift  
> with respect to the first pair ( or -120 degrees if you prefer.) In two  
> phase, there is a 90 degree shift. You can make two phase out of three  
> phase with a couple of transformers or you can get a motor-generator  
> set. The power to your house comes from one leg of a three phase  
> transformer, but you would not know it was three phase until you ran a  
> drop cord to a house across town fed from one of the other legs. Three  
> phase transformers can be Delta or Wye connected. The Deltas have a  
> center neutral, the Wyes do not.  
> Art K3HBA  
> Professor Emeritus Electrical & Computer Engineering  
>  
>

-----  
Message-ID: <01BF43FA.73537EC0.w1kszt@tiac.net>  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "'BoatAnchors'" <boatanchors@theporch.com>  
Subject: RE: Clean / Not Clean ??  
Date: Sat, 11 Dec 1999 16:37:53 -0500  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just think, all that 200+ year old mouse doo-doo is worth big \$\$\$ !!  
73, Dick, W1KSZ

-----Original Message-----

From: Garey Barrell [SMTP:k4oah@mindspring.com]  
Sent: Friday, December 10, 1999 7:48 PM  
To: Old Tube Radios  
Subject: Clean / Not Clean ??

Lest you think we are the only "Nuts" around, I came across an interesting article in today's "Wall Street Journal".

Under the heading of "Collecting," the title is "Today's Art Lesson: Grime Pays."

Referring to antique furniture, (but could equally apply to our stuff,) "For today's antiques buffs, the ultimate status symbol is filth." "But rising almost as fast as prices," (sound familiar?,) "is an obsession among American buyers with keeping certain pieces in a pristine -- read grungy -- state."

Describing a chest of drawers ... " with dirt and age darkening the finish in the molding and crevices of the piece, could fetch as much as \$125,000; zealously cleaned, it might command only about \$70,000."  
!!!!!!

Another item, a 100 year old, table was bought for \$1,000,000 in 1986. It was submitted to a "light cleaning" by "professionals." When the piece came up for auction, "potential buyers" were allowed to "inspect the nine year old cotton balls used in the cleaning, to show just how little had been done." !! "With much of it's grime intact, it sold for \$2,400,000.

Another buyer bought a card table "that he paid professional restorers to clean. At his direction, he says, 'they did practically nothing.'"

Perhaps we need to reconsider our obsession with cleaning up our old radios. Just think how much my 75A-4 might be worth if it was REALLY dirty!!

73, Garey - K40AH  
Atlanta

-----  
From: "Bill Hawkins" <bill@iaxs.net>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: 3-wire  
Date: Sat, 11 Dec 1999 16:51:59 -0600  
Message-ID: <001501bf442a\$55026a00\$0b0aa8c0@normandale>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group,

The discussion arises because you can't define power phasing by the number of wires that carry the power. The phasing is done in the windings of the generator. Yes, you can do it with RC circuits and other ways, but we're talking about power. To me, that means big rotary machines. You can wind separate windings on the generators at any arbitrary angle to one another. Three separate windings, evenly spaced at 120 degrees, is the winner in the race between manufacturing economics and operating economics, and we call it three phase power. There was a time when two windings 90 degrees apart was used, but the economics didn't favor it.

You know you've got three phase power when three wires hooked to a three phase motor cause it to spin and produce mechanical power. If it sits there and looks at you whilst emitting smoke, the three wires are from a single phase source, probably center-tapped.

Regards,  
Bill Hawkins

-----  
Message-Id: <3.0.3.32.19991211181626.00c0d214@mindspring.com>  
Date: Sat, 11 Dec 1999 18:16:26 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>  
Subject: AWA Ops  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Great fun listening to all the nice (and not so nice) signals on 80M tonight. Will have to make something for next year. Sounds like a ball!  
Give a listen between 3750 and 3780  
73 and happy holidays to all  
John

-----  
Message-Id: <103130303b47880fb5b83@[199.34.24.16]>



Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 11 Dec 1999 17:30:28 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Jay H. Miller" <jmiller@teleteam.net>  
Subject: An Experiment

Guys-

It is wet and rainy here in Dallas today so I spent a few hours on the Mac working up this test site. It is the "germ" of an idea so to speak for distribution (free) of vintage equipment technical data over the Internet. Not much there right now but your comments will be appreciated.

<http://www.teleteam.com/~jmiller/tech.html>

73

\*\*\*\*\* ##### \*\*\*\*\*  
Jay H. Miller, KK5IM                      Dallas, Texas  
The Pocket Guide to Collins Amateur Radio Equipment  
A Pictorial History of Collins Amateur Radios  
ARRL \* AMI#846 \* DXCC  
E-Mail: jmiller@teleteam.net Home Page: <http://www.teleteam.com/~jmiller/>  
\*\*\*\*\* Proud to be 100% Macintosh since 1984! \*\*\*\*\*

-----  
Message-Id: <3.0.3.32.19991211182603.0077bb94@mindspring.com>  
Date: Sat, 11 Dec 1999 18:26:03 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>  
Subject: Re: AWA Ops  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Whoops! That's 35xx not 37xx!  
John

At 06:16 PM 12/11/1999 -0500, john wrote:  
>Great fun listening to all the nice (and not so nice) signals  
>on 80M tonight. Will have to make something for next year. Sounds  
>like a ball!  
>Give a listen between 3750 and 3780  
>73 and happy holidays to all  
>John  
>

>

-----  
Date: Sat, 11 Dec 1999 18:59:53 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: 2-Phase Power was 3-WIRE CONNECTION ...  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199912111900\_MC2-90AA-D104@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Arden & Group,

I'm afraid that I'm going to have to pick a nit with your nit. :-) You are  
of course correct that the common US 120/240 supply is single phase. The  
transformer on the pole has a single primary, not two, or there's only one  
transformer, and the secondary is, in power supply terms, 240 VCT  
(three-phase power distribution can be accomplished with one three-phase  
transformer, which has three primaries, or three single phase  
transformers). =

Hooowwwwveever, there is such a thing as two-phase power. Or was. Some  
servo systems use (or used to use) two-phase power where the phase angle =  
is  
90 degrees. I know because I accidentally sat down in the wrong class ro=  
om  
one day about 30+ years ago, thinking that I was in a (BA content) vacuum=  
tube theory class.

Robert Downs  
WA5CAB  
Houston

-----  
Message-Id: <3.0.6.32.19991211190152.00909e50@mail2.coastalnet.com>  
Date: Sat, 11 Dec 1999 19:01:52 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Al Parker <anchor@coastalnet.com>  
Subject: Re: An Experiment  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Jay,

A great idea, and -- it works.

I tried the P.S. skem, downloaded in a flash, came up & printed fine on Adobe, good readable quality. A bigger one might not print so well on one page, here.

Wish I had a scanner, I'd contribute some stuff.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

anchor@coastalnet.com

-----  
Message-ID: <004d01bf4439\$3f6261a0\$25d6fea9@g5p3m4>

From: "Ed Zeranski" <ezeran@concentric.net>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Subject: Re: Foam-In-Place packaging

Date: Sat, 11 Dec 1999 16:38:42 -0800

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>Of course foam in place is a solid, but lightweight structure. Sealed

>in Air is not!

>

>73

The last two places I worked used the spray foam to support plastic bagged items (weighty comm stuff built by me but not BA) for world wide shipment....often to nasty environments...with NO LOSSES. ( local Polak crosses fingers) True, it isn't a home process but it is very dependable. When shipping BA I usually pull the tubes, roll them in small Bub Elrap, then pack them in their own box, double box the subject BA then use USPS. The spray is definately 1st cabin if'n you can get it but tight wrapped double box with the tender bits wrapped in their own container is about as good. So far the recipients of garage squeezin's have reported no badness with Ye Olde double box. Biggest BA shipped so far?? 1938 Hammond Novocord..600+ lbs of walnut, steel, wire, ivory, etc ...and 144 tubes ( 2A3 a bunch) from San Diego to Copenhagen Denmark via sea container an' Da

Boogah got there whit no damage!

Good luck, Happy Holidays, and Happy BoatAnchoring!

Z

-----  
Message-Id: <3.0.32.19991211201842.007a43e0@mail.wt.net>  
Date: Sat, 11 Dec 1999 20:18:50 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
Subject: Re: Foam-In-Place packaging  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Speaking of "foam in place," there is a home version:

I've shipped quite a few BA's to quite a few places using the styrofoam insulation sheets that can be bought at Home Cheapo or Builders Squared. I bag the unit in a trash bag, seal it, cut recesses in the first foam layers for knobs and any protrusions, and double box with again more foam. I also use double wall boxes for the exterior box; they are extra strong. Not one damaged yet, and I did receive a report of severe external box damage from a drop of fairly good height.

Tubes? I leave them in place, but make sure they cannot get loose. (fill inside with a bag, then peanuts works okay, filling inside with bubble works too) Wrapping them in bubble and shipping separately is probably better, but I don't want to risk a tube getting placed in the wrong socket yielding a set that no longer works...

Thanks and 73,  
Ben

---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.  
Located in Houston, Texas, USA.  
e-mail: kd5byb@WT.net, web: <http://web.wt.net/~kd5byb/>  
"An ye harm none, do what thou wilt."

-----  
Date: Sat, 11 Dec 1999 20:52:28 -0800  
From: Morton Jones <mortjonz@pacbell.net>  
Subject: Re: An Experiment  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <38532A0C.72A7A7E0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Jay, I think this is a great idea I printed them out and file them away,  
Thanks and keep it going.. Mort W6KLG  
Jay H. Miller wrote:

> Guys-

>

> It is wet and rainy here in Dallas today so I spent a few hours on the

-----  
Message-ID: <38533CFF.741BFEDB@sourceoneinternet.com>  
Date: Sat, 11 Dec 1999 23:13:19 -0700  
From: Wally Gibbons <rockwall@sourceoneinternet.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: URM-25 Dial Lamps  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings, and best wishes for the holiday season.

My last URM-25 dial lamp has burned out . Type 323. Fair is out of them.

Anyone have a couple of spares they would part with, or someone know of  
a source?

Many thanks.

Wally Gibbons  
rockwall@tcsourceone.com

-----  
Message-ID: <38537593.31355899@gil.com.au>  
Date: Sun, 12 Dec 1999 20:14:43 +1000  
From: David Prince <davprin@gil.com.au>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Headphones - WW2 vintage?  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

G'day All,

Picked up a pair of headphones - marked Dfh.b and the number 42 on the  
outside of each can.

Anyone identify please?

--

Dave Prince VK4KDP  
Ipswich, Queensland, Australia  
davprin@gil.com.au  
<http://www.home.gil.com.au/~davprin>

-----  
Message-ID: <19991212121044.4585.qmail@web1805.mail.yahoo.com>  
Date: Sun, 12 Dec 1999 13:10:44 +0100 (CET)  
From: =?iso-8859-1?q?ragnar=20otterstad?= <la5he@yahoo.no>  
Subject: Re: Headphones - WW2 vintage?  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

German origin.  
Standard Wehrmacht issue.

73 Rag Collector of German WW2 radios

--- David Prince <davprin@gil.com.au> skrev:  
> G'day All,  
>  
> Picked up a pair of headphones - marked Dfh.b and  
> the number 42 on the  
> outside of each can.  
>  
> Anyone identify please?  
>  
> --  
> Dave Prince VK4KDP  
> Ipswich, Queensland, Australia  
> davprin@gil.com.au  
> <http://www.home.gil.com.au/~davprin>  
>  
>

-----  
Do You Yahoo!?  
FÅ din egen, gratis @yahoo.no-adresse på <http://mail.yahoo.no>

-----  
Message-Id: <3.0.6.32.19991212074404.0079da90@ntpop.usnews.com>  
Date: Sun, 12 Dec 1999 07:44:04 -0800

To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@usnews.com>  
Subject: Relay mod in 516F-2  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings, O wise Collins gurus. My question of the day, having recently acquired a 32S-3 with 516F-2 power supply, has to do with the relay modification in the PS.

I have seen references to this mod but don't recall what it was for. Mine has the mod, done by Harry Kaklikian, and I'd like to know not only why it was done but what the circuit changes were.

Could somebody enlighten me and maybe send me a portion of the schematic with the changes?

Thank you to those who have already helped me with this combo in many ways, both with advice and by sending me needed information. I can't say it's unusual for the guys on these lists, but every time it happens it's a welcome brick in the wall against the daily rounds of cynicism and indifference.

73, Avery W3AVE

-----  
Message-ID: <3853E1A6.219C@digizen.net>  
Date: Sun, 12 Dec 1999 09:55:50 -0800  
From: Charles Kadesch <chas@digizen.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: UTC Modulation Transformers  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone have any info on UTC CVM-0 and CVM-1 modulation transformers? Thanks.  
Chas W3KC

-----  
Message-Id: <3.0.5.32.19991212081543.007b9570@wort-fm.terracom.net>  
Date: Sun, 12 Dec 1999 08:15:43 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>  
Subject: Foam in Place/Mailboxes Inc  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I shipped two R-389s using foam in place at Mailboxes, Inc. It was expensive as hell and both radios arrived damaged. The R-389 is heavy and the foam they use at Mailboxes, Inc is low density. It crushed down and the radios rattled around in the box like they were in a clothes dryer. Monetary refunds are not satisfactory when something like an R-389 gets smashed up.

73 Terry O' WB9GVB

-----  
Message-Id: <103130302b4795aa28416@[199.34.24.27]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 12 Dec 1999 09:05:49 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "Jay H. Miller" <jmiller@teleteam.net>

Subject: Re: Relay mod in 516F-2

Cc: boatanchors@theporch.com, collins@qth.net

>Greetings, O wise Collins gurus. My question of the day, having recently  
>acquired a 32S-3 with 516F-2 power supply, has to do with the relay  
>modification in the PS.

>

>I have seen references to this mod but don't recall what it was for.

According to Bud Whiney, K7RMT who (along with the late Harry Kaklikian) is the guru of 516F-2 power supplies, the main reason for the relay mod is to take the high inrush voltage/current off the fragile wafer on-off switch on the KWM-2 and 32S-() transmitters. The mod involves placing a 115vac relay in the power supply and rerouting the main AC switched buss through the relay contacts rather than through the front panel power switch of the rigs. The mod is out of sight under the 516F-2 chassis and makes good engineering sense.

Bud once told me the story of why he started doing this mod. Seems like it was back in the early 1970s and the Bud-man was stationed on an oil platform in the Arabian Gulf. His KWM-2 blew a switch and it took a chopper ride (courtesy of some shiek who was also a ham) into "town" to get a new switch. Bud cobbled up the mod and has been doing them for almost 25 years!

The solid state mod is another subject.

73

\*\*\*\*\* #\*\*\*\*\*  
Jay H. Miller, KK5IM Dallas, Texas  
The Pocket Guide to Collins Amateur Radio Equipment



A Pictorial History of Collins Amateur Radios

ARRL \* AMI#846 \* DXCC

E-Mail: jmiller@teleteam.net Home Page: <http://www.teleteam.com/~jmiller/>

\*\*\*\*\* Proud to be 100% Macintosh since 1984! \*\*\*\*\*

-----  
Message-Id: <3.0.3.32.19991212100733.009f8de0@mindspring.com>

Date: Sun, 12 Dec 1999 10:07:33 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: john <johnmb@mindspring.com>

Subject: Denver area BA haunts?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm going to be in Denver in the near future on a short trip. Any  
BA/surplus/salvage (or general ham radio) haunts in the area?

Very happy holidays to all,  
John

-----  
Message-Id: <199912121527.KAA11492@newman.concentric.net>

From: "John K9UWA" <k9uwa@cris.com>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Sun, 12 Dec 1999 10:29:58 -0500

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: Re: Foam in Place/Mailboxes Inc

> I shipped two R-389s using foam in place at Mailboxes, Inc.

> Monetary refunds are not satisfactory when something like an R-389 gets  
> smashed up.

> 73 Terry O' WB9GVB

I use Styrofoam Insulation available at any Lumber Yard in 4x8x1" sheets..

Its a bit of a pain to build a "Cocoon" around radios....but it is durable..

never had one killed yet by the UPS Gorilla's....8 bux a sheet!

John K9UWA

John Goller, K9UWA & Jean Goller, N9PXF

Antique Radio Restorations

k9uwa@arrl.net

k9uwa@cris.com

k9uwa@concentric.net

Visit our Web Site at:

<http://www.JohnJeanAntiqueRadio.com>

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End of BOATANCHORS Digest 2752

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